Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Tuesday 06 Jul 2021 until 23:59 on Wednesday 07 Jul 2021

Forecast Issued on Tuesday 06 Jul 2021 at 03:44

Confidence: High in overall unsettled set-up, moderate confidence in timings of poor weather on Tuesday.

Headline for Tuesday 06 Jul 2021: A low pressure system moves northwards bringing widespread rain and low cloud for much of the day.

Mountain weather hazards on Tuesday 06 Jul 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
No Likelihood

Severe chill effect
No Likelihood

Poor visibility
Medium Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
Medium Likelihood

Strong sunlight
Medium Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Light rain showers	Heavy rain showers	Heavy rain showers	Light rain showers	Light rain
Precipitation probability					
20%	50%	60%	60%	30%	80%

Forecast for Tuesday 06 Jul 2021

Weather: A widely dry start but with extensive low cloud across the park. Bright or sunny intervals developing by mid-morning, but an increasing risk of showers. By the afternoon, the wind will increase to a strong westerly and the cloud will continue to lift. Sunny spells are likely, especially to the east of high ground allowing periods of sunshine. Occasionally heavy showers are expected during the afternoon, these easing early evening before more persistent rain or showers arrive later in the evening.

Chance of cloud free mountain/hill tops above 600m: 20% during the early morning. Improving to 50% in the west, 80% in the east from late morning. Becoming 30% through the evening.

Visibility: Widespread very poor visibilities at first, cloud base 300m, improving to good in the afternoon but deteriorating to moderate in any showers with nearby hills appearing hazy. Widespread cloud to around 300m again from mid-evening onwards.

Check our weather forecast every day to get the most accurate and up to date information
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Mountain Weather Forecast

Forecast for Tuesday 06 Jul 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/15 S	9/14 SW	21/30 W	23/32 W	18/25 SW	16/22 SW	15/22 SW
300	8/12 S	8/12 W	19/28 W	17/25 W	14/21 SW	11/18 SW	12/18 SW
Valley	5/10 SE	6/12 W	15/28 W	12/24 W	9/21 SW	7/16 SW	8/16 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	10/7	10/8	10/7	11/7	11/8	10/7	10/7
300	12/10	13/12	12/9	14/10	14/11	12/10	12/10
Valley	13/12	14/13	13/10	14/12	14/13	13/12	12/11
Freezing Level*	2100m	2100m	2200m	2000m	2100m	2300m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Treacherous conditions during the morning, slippery underfoot in heavy rain and very poor visibilities across the summits. Improving during the afternoon, but conditions could still change rapidly strong winds moving showers quickly across the area. Strong UV levels when sunny spells develop later mean suncream is necessary.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Tue 06 Jul 2021	9.2mm	26.8mm	30.2mm

Forecast for Wednesday 07 Jul 2021

Weather: Showers continuing overnight Tuesday with low cloud across the park to start the day. Cloud will steadily lift and break during the morning, with frequent sunny spells by the afternoon. Showers are likely to continue through much of the day, heavy at times in the morning and early afternoon, with a risk of thunder, but easing later. Dry and sunny during the evening, but low cloud returning again overnight.

Maximum wind: South-westerly becoming westerly 15mph gusting 25-30 mph.

Chance of cloud free mountain/hill tops above 600m: 50% steadily improving to 90%

Visibility: Moderate to poor in the morning with cloud bases 400-500m. Generally good during the afternoon.

Temperature: **Valleys:** Plus 10 increasing to Plus 18 Celsius
At 600m: Plus 14 Celsius
Freezing level: Above summits

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